

# IPO CHART

<b>Program name:</b>	<b>MathTutor Mastery</b>	
<b>INPUT</b>	<b>PROCESS</b>	<b>OUTPUT</b>
Hint: What will the user input?	Hint: What is the program going to do with the input information?	Hint: What will the screen display after user input?
<ul style="list-style-type: none"> <li>- User Inputs the answer to a given math problem</li> </ul>	<ul style="list-style-type: none"> <li>- The program randomly generates two integers 1-10</li> <li>- The program randomly selects one of the 4 following math operators: +, -, *, /.</li> <li>- The program calculates the final answer to double-check if user answer is correct</li> <li>- The program prompts user for answer to math problem</li> <li>- If statement is used to tell user if their answer was correct or not, and if not, the correct answer is shown</li> </ul>	<ul style="list-style-type: none"> <li>- If there was an error when the program randomly selected an operator using case, an error message would display and program would end</li> <li>- If the user entered the correct answer, the program would congratulate you</li> <li>- If the user enters the wrong answer, the program tells you your answer is wrong, and provides the correct answer.</li> </ul>